


**RECEIVED
CENTRAL FAX CENTER**

JAN 26 2004

OFFICIAL**PATENT**
IBM Docket No. JP920000247US1

Certificate of Mailing/Facsimile 37 CFR §1.8(a)	
I hereby certify that this correspondence is being:	
_____ deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to the:	<u> X </u> facsimile transmitted to (703)872-9306 to the:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>January 26, 2004</u>	
Carlos Munoz-Bustamante Person mailing document:	 Signature

In the United States Patent and Trademark Office**Date:** January 23, 2004**In re Application** Hideyuki Usui
of:**Filed:** October 16, 2001**For:** Connection Enhancement Apparatus and Information
Processing Apparatus**Serial Number:** 09/978,519**Conf. No.:**06/21/2004 TDAWKINS 000000001 001890 09978519
Art Unit: 2835**Examiner:** Lisa Lea-Edmunds

01 FC:1251 110.00 DA

AFTER FINAL AMENDMENT under 37 CFR § 1.116 (c)Hon. Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 25, 2003 with period for response ending December 25, 2003, Applicants respectfully seek entry of the following amendment and remarks under 37 CFR § 1.116 (c). It is believed entry of this response would serve to facilitate prosecution by placing this case in condition for allowance.

SN: 09/978,519

- 1 -



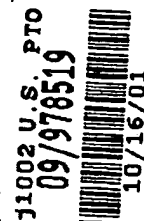
JP920000247US1

Practitioner's D c k t N . JP920000247US1
Customer No.: 25299

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Hideyuki Usui; Hiroaki Agata; Kazuhiko Yamazaki;

For (title): **CONNECTION ENHANCEMENT APPARATUS AND INFORMATION
PROCESSING APPARATUS**

1. Type of Application

This transmittal is for an original (nonprovisional) application.

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- [X] deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231.
37 C.F.R. Section 1.8(a)

37 C.F.R. Section 1.10*

- [] with sufficient postage as first class mail.

- [X] as "Express Mail Post Office to Address"
Mailing Label No. EL 888550571 US
(mandatory)

TRANSMISSION

- [] transmitted by facsimile to the Patent and Trademark Office (703)

Date: Oct. 16, 2001

Signature

Amirah Scarborough

(type or print name of person certifying)

JP920000247US1

8. Authorizati n t Charg Additi nal Fees

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 09-1990.

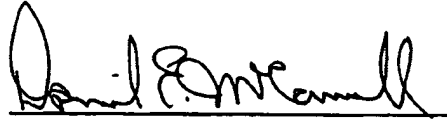
37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)

37 C.F.R. Section 1.16(b), (c) or (d) (presentation of extra claims)

9. Instructions as to Overpayment

Credit Account No. 09-1990.

Date: 10-16-2001



Daniel E. McConnell
Registration No. 20,360
IBM Corporation
Dept. 9CCA/002-2
P. O. Box 12195
Research Triangle Park, NC 27709-2195
919 543 1105
Customer No. 25299

00978549 101601
TOT: 67532660

PATENT
IBM Docket No. JP920000247US1

Respectfully Submitted,



Carlos Munoz-Bustamante

Reg. No. 51,349

IBM Corporation
Personal and Printing Systems Group
Intellectual Property Law
Department 9CCA/Building 002-2
P. O. Box 12195
Research Triangle Park, NC 27709

(919)254-2587
FAX: 919-254-2649
EMAIL: cbustama@us.ibm.com

SN: 09/978,519

- 12 -

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2001

09/978519

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	minus 20 = *	
INDEPENDENT CLAIMS	minus 3 = *	
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

1.26.04

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	* 8	Minus ** 20	= -
Independent	* 5	Minus *** 5	= -
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	370.00
X\$ 9=	
X42=	
+140=	
TOTAL	

RATE	FEE
BASIC FEE	740.00
X\$18=	
X84=	
+280=	
TOTAL	

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X42=	
+140=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X84=	
+280=	
TOTAL ADDIT. FEE	